

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	17	solder near apparatus and hopper	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 07:43
L8	66630	apparatus and hopper	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 07:48
L9	70	apparatus and hopper and solder same ball	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 07:48
L10	70	apparatus and hopper and solder same balls	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 07:48
L11	86	( "20030127501"   "20050045701"   "20050056681"   "20050056682"   "3716907"   "3719981"   "4074342"   "4332341"   "4462534"   "4604644"   "4688939"   "4783722"   "4788767"   "4830264"   "4871110"   "4897918"   "4914814"   "4932883"   "5058178"   "5060844"   "5088639"   "5109601"   "5118027"   "5133495"   "5155905"   "5162257"   "5203075"   "5219117"   "5255839"   "5279045"   "5284287"   "5330574"   "5410806"   "5431332"   "5445313"   "5467913"   "5491301"   "5492266"   "5506385"   "5574801"   "5597110"   "5607099"   "5615823"   "5617990"   "5620927"   "5633204"   )	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/13 07:49

		"5637832"   "5643831" "5655704"   "5668059"   "5669970" "5672542"   "5675889"   "5680984" "5685477"   "5687901"   "5695667" "5704535"   "5796590"   "5918792" "5930889"   "5977512"   "5977624" "6012626"   "6063701"   "6158649" "6162661"   "6165885"   "6182356" "6191022"   "6227437"   "6253992" "6268275"   "6276598"   "6279816" "6386433"   "6412685"   "6533160" "6533163"   "6541364"   "6604673" "6634545"   "6739498"   "6745450" "6766938"   "6869008").FN.				
L12	13	("5088639"   "5431332"   "5626277" "5653381"   "5655704"   "5849132" "5861323"   "5918792"   "6182356" "6227437"   "6253992"   "6336581" "6386433").FN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/13 07:50
L13	43	("3958740"   "4421266"   "4462534" "4558812"   "4918277").FN. OR ("5088639").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/13 07:53
L14	86	("20030127501"   "20050045701"   "20050056681"   "20050056682"   "3716907"   "3719981" "4074342"   "4332341"   "4462534" "4604644"   "4688939"   "4783722" "4788767"   "4830264"   "4871110" "4897918"   "4914814"   "4932883" "5058178"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/13 07:54

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L15	86	( "20030127501"   "20050045701"   "20050056681"   "20050056682"   "3716907"   "3719981"   "4074342"   "4332341"   "4462534"   "4604644"   "4688939"   "4783722"   "4788767"   "4830264"   "4871110"   "4897918"   "4914814"   "4932883"   "5058178"   "5060844"   "5088639"   "5109601"   "5118027"   "5133495"   "5155905"   "5162257"   "5203075"   "5219117"   "5255839"   "5279045"   "5284287"   "5330574"   "5410806"   "5431332"   "5445313"   "5467913"   "5491301"   "5492266"   "5506385"   "5574801"   "5597110"   "5607099"   "5615823"   "5617990"   "5620927"   "5633204"   "5637832"   "5643831"   "5655704"   "5668059"   "5669970"   "5672542"   "5675889"   "5680984"   "5685477"   "5687901"   "5695667"   "5704535"   "5796590"   "5918792"   "5930889"   "5977512"   "5977624"   "6012626"   "6063701"   "6158649"   "6162661"   "6165885"   "6182356"   "6191022"   "6227437"   "6253992"   "6268275"   "6276598"   "6279816"   "6386433"   "6412685"   "6533160"   "6533163"   "6541364"   "6604673"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/13 07:58
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		"6634545"   "6739498"   "6745450" "6766938"   "6869008").PN. OR ("7275676").URPN.				
L16	61	("3716907"   "3719981"   "4074342" "4332341"   "4462534"   "4604644" "4688939"   "4783722"   "4788767" "4830264"   "4871110"   "4897918" "4914814"   "4932883"   "5058178" "5060844"   "5088639"   "5109601" "5118027"   "5133495"   "5155905" "5162257"   "5203075"   "5219117" "5255839"   "5279045"   "5284287" "5330574"   "5410806"   "5431332" "5445313"   "5467913"   "5491301" "5492266"   "5506385"   "5574801" "5597110"   "5607099"   "5615823" "5617990"   "5620927"   "5633204" "5637832"   "5643831"   "5668059" "5669970"   "5672542"   "5675889" "5680984"   "5685477"   "5687901" "5695667"   "5704535"   "5796590" "5918792"   "5930889"   "5977512" "5977624"   "6012626"   "6165885" "6268275").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/13 07:59
L17	0	solder adj hopper and wall	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 08:01
L18	35	solder adj balls and hopper and wall	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 08:01

L19	5	("4871110"   "5685477"   "6063701" "6191022"   "6268275").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/13 08:02
L20	98	solder adj balls and hopper	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 08:03
L21	15	("4736780"   "4846476"   "4901431" "5279045"   "5454877"   "5540377" "5687901"   "5831247"   "5839191" "5867260"   "5878911"   "6003753" "6069682").PN. OR ("6253985").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/13 08:05
L22	23	("5465152"   "5601229"   "5615823").PN. OR ("5867260").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/13 08:06
L23	28	("1631014"   "1822336"   "1961893" "2216853"   "2369305"   "2525261" "2635579"   "2711321"   "3215241" "3246799"   "3360096"   "3938654" "4405059").PN. OR ("4736780").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/13 08:07
S178	1	holding adj device and energy near supply and "294"/\$.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/12 15:26
S179	0	solder\$3 and hopper and taper near wall	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/12 16:08
S180	0	hopper and taper near wall	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/12 16:08
S181	146	hopper and taper near wall	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/12 16:08
S182	1	solder\$3 and hopper and taper near wall	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/12 16:08

S183	326	228/246 and solder same ball	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/12 16:09
S184	153	228/246.cds. and solder same ball	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/12 16:09
S185	3	soldering near ball and hopper	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/12 16:15
S186	28	("1631014"   "1822336"   "1961893"   "2216853"   "2369305"   "2525261"   "2635579"   "2711321"   "3215241"   "3246799"   "3360096"   "3938654"   "4405059").PN. OR ("4736780").URPN.	US-PCPUB; USPAT; USOCR	OR	ON	2008/03/12 16:15
S187	2	"6253992".pn.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/12 16:17
S188	24	("5118027"   "5431332"   "5539153"   "5586715"   "5620927"   "5662821"   "5855323"   "5872051"   "5918792"   "5984164"   "6119927").PN. OR ("6253992").URPN.	US-PCPUB; USPAT; USOCR	OR	ON	2008/03/12 16:17
S189	13	("5088639"   "5431332"   "5626277"   "5653381"   "5655704"   "5849132"   "5861323"   "5918792"   "6182356"   "6227437"   "6253992"   "6336581"   "6386433").PN.	US-PCPUB; USPAT; USOCR	OR	ON	2008/03/12 16:18

3/ 13/ 08 8:16:38 AM

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